Auto-Installer Deluxe

Official Users Manual
Version 1.0

Created by

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Chapter 1: Introduction

Welcome to Xbox-Hq's latest piece of work, the **Auto-Installer Deluxe v1.0**.

This has been developed on and off since September 2004, just after the Xbox-Hq EvoX Auto-Installer v1.3 Final was released.

It has evolved from being just an EvolutionX / Microsoft Dashboard installer with a few Applications, into a Multi-Dashboard installer with many Applications and Emulators. In other words, there's no need for separate Emulator and Application Auto-Installers now, as its all-in-one now.

What you have here is also the most up-to-date Installer, including the latest versions of software possible, and offcourse the latest BIOS ROMs (Evox M8+).

Thanks must go to all the Xbox-Hq members, without your support I wouldn't have bothered to push this latest version to the limits it has reached. I have tried to incorporate most of the suggestions and ideas I have gathered over the months via our forums, but alas some of them just weren't practical once implemented into the package. I hope that you all still find this useful enough to meet most (if not all) of your needs.

Big thanks must go Forahobby, Realmccloy, and Sjohn for their efforts contributing to this package, without your help I'd probably release yet another non-fully tested installer.

Because of their help we've have been able to test on various versions of Xboxes, from v1.0 up to v1.6, so hopefully there shouldn't be any problems this time around.

Now, for some actual details about this User Manual.

This Manual will explain how to do the following things:

- Burn the ISO image on to appropriate media for your Xbox DVD Drive.
- Format a New Hard Drive.
- Prepare a Retail / New Hard Drive with needed folders.
- Install the Microsoft Dashboard and another dashboard of your choice.
- Install Applications needed to play Media and rip from DVDs.
- Install Emulators and how to insert your favourite ROM files before you burn the ISO.
- How to set up a BFM BIOS on your Xbox (useful for Debug reasons and when you want to use a more recent BIOS without re-flashing your chip).
- How to set up XSelect so you can boot a program of your choice when your Xbox boots.

The installer will also install lTools (which is game save exploits used for softmodding) to your Hard Drive, but as of yet we haven't been able to create documentation on preparing a new HDD in an existing modded Xbox and then using it in a non-modded Xbox. This will be covered more in a later version.

I hope you all enjoy our work…

DJB
http://www.xbox-hq.com

Chapter 2: Features

Contents of the Auto-Installer

This installer boasts to have more installable features than any other installer. Here is a list of what's included in the package.

BIOS

Comes in 256k, 512k, and 1mb flavours (except for X3 which is only 1mb, and the MS BIOSes which are set sizes).

Evox M8+
Evox M8+ 137 GB+
Evox M8+ Stealth
Evox M8+ Stealth 137 GB+
Evox M8+ 1.6
Evox M8+ 1.6 137 GB+
Evox M8+ 1.6 Stealth
Evox M8+ 1.6 Stealth 137 GB+
iND 5003.06
iND 5003.06 Stealth
iND 5003.67
iND 5003.67 Stealth
MS BIOS 3944
MS BIOS 4034
MS BIOS 4132
MS BIOS 4627
MS BIOS 4817
MS BIOS 5101
MS BIOS 5530
MS BIOS 5713
MS BIOS 5838
Xecuter2 4981.06
Xecuter2 4981.06 EjectFix
Xecuter2 4981.06 Stealth
Xecuter2 4981.06 Stealth + Ejectfix
Xecuter2 4981.67
Xecuter2 4981.67 EjectFix
Xecuter2 4981.67 Stealth
Xecuter2 4981.67 Stealth + Ejectfix
Xecuter2 4983.06
Xecuter2 4986.67
Xecuter3 1957
Xecuter3 1957 v1.6

PBL BFM BIOSES

Evox M8+ 1.6 Ejectfix
Complex Debug (evoxdash Boot)

Softmod Packages

lTools 007 v1.7.5
lTools MechAssault v1.8.rc1
lTools Splinter Cell v1.7.5 (NTSC + PAL)

Dashboards

Install the non-MS dashboards to either C, E, F, or G.
The config files have been set up to search these setups:
E Drive - E+F Drive - E+F+G Drive

Microsoft Dashboard v5960 Revision 185EAD00
AvaLaunch 0.49.2
EvolutionX 1.8.3921
EvolutionX 1.8.3935
Media X Menu 0.9n6
UnleashX 0.37.1205A Build 534
Xbox Media Center 2004-12-08

Applications

Install to E, F, or G either as a package or individually.

BiosCheck 5.0 Beta
BoXplorer 0.96
ConfigMagic Final 1.6
Complex Tools 1.60 (Public Release)
Dvd2XboX 0.6.1 (with Rahszhul ACL files 2004-03-04)
Enigmah NTSC-PAL Video Switcher
DVD-X 1.0 (Team Gueux version)
DVD-X 2.0 (Team Xecuter version)
Halo Cache Editor V0.7
LinksBoks 0.92 (Dr Zoidberg Edition)
MouseTestApp
Phoenix BIOS Loader MeToo 1.4.1
ProjectX HDDLoader 1.3a
X2 Config Tool
X3 Eeprom Eraser
Xbox FTP client 0.62
Xbox Media Center 2004-12-08
Xbpartitioner 1.0
XBWatch 0.03
XCommanderR2
XeniumTest
XToolbox 0.4.1
YAMP

Emulators

Install to E, F, or G either as a package or individually.

AdamxX v2 (ColecoVision/Adam)
ArnoldX v2 (Amstrad CPC)
AtariXLBox v5 (Atari 800/5200/130/320/XL/XE)
BlissX v5 (Intellivision)
BlueMSXBox v1 (BlueMSX)
DOSXbox v5 (MS-DOS)
FCEUltraX v16 (Nintendo)
Gnuboy v4 (Gameboy/Gameboy Colour)
HU-GO! V10 (PC-Engine/TurboGrafx-16)
KEGS-X v3 (Apple IIgs/e/c/+)
LynXBox v1 (Atari Lynx Handy)
MAMEoX v0.84 b3 (Arcade)
NeoGenesis v16 (Sega Genesis)
NeoPopX v4 (NeoGeo Pocket Color)
OdysseyX v1 (Odyssey 2)
Pcsxbox v13 (Sony PSOne)
SC3X v0.04 (SEGA SC 3000)
ScummVMx v0.6.0 (SCUMM)
SMSPlusX v9 (Game Gear/Sega Master System)
SpeXtrum v0.3 Beta (ZX Spectrum)
Stella v2 (Atari 2600)
Surreal64 FDB v3 (Nintendo 64)
Vice20x v3 (Commodore Vic 20)
Vice64x v4 (Commodore 64)
VicePETX v2 (Commodore PET)
WinSTonX v6 (Atari ST)
WinUAEX v8 (Commodore Amiga)
X68000X v3 (X68000)
XBoyAdvance v17 (Gameboy Advance)
xSnes9x v1.42 (Super Nintendo)

Available Tools launchable through the Auto-Installer

BIOS Checker
ConfigMagic Final v1.6
Xbpartitioner

Features of the Auto-Installer

Here is a list of features that the auto-installer covers:

- Boots on a modded or soft-modded Xbox. Modchip users must be using a proper BIOS (**NOT** Cromwell) and Softmod users must have already installed their game save exploit before attempting to launch this.
- Install Dashboards, Applications, and Emulators anywhere on your Xbox.
- File Manager built into the installer, for easy deleting / copying.
- Boot either the Microsoft Dashboard, or any Dashboard stored on C, E, F, or G Drive directly from the installer.
- Format Drives (now includes formatting cache drives as an option, it will even detect a new hard drive on first use and Format it automatically).
- Prepare Drives (each drive is done separately now, and includes DVD-X as part of the preparation).
- Flash BIOS / (Un) Lock Hard Drive via Evox setup on the Installer CD.
- Install Ltools (Softmod tools) to a HDD, ready to export to a memory card.
- Install UXE to your HDD.
- Use XSelect to boot various Dashboards and Applications.
- Use PBL Metoo Edition to boot a BFM BIOS (great for if you have an old BIOS on a modchip and you don't want to reflash). This comes in a single and dual mode, the dual mode using a Debug BIOS.

  PLEASE NOTE: Only the BIOS is supplied as part of the Debug setup, so it is up to you to grab the XDK and put the correct files on your Xbox.

Chapter 3: Burning and Preparing the ISO

Burning the ISO

I'd suggest using DVD Decrypter as the burning program, mainly for the fact that it will allow you to verify the DVD once it's recorded. Alas, if you don't have a DVD Writer you can just use Nero to burn it to a CD-RW.

A wise move would also be not to burn the DVD / CD at the fastest possible speed, for DVD's I recommend 2x or lower. If you are using a CD, about 24x should be sufficient. A small tip with using a CD-RW: If the CD-RW has been previously used, erase the CD completely using a Full Erase (not a Quick one).

It's been well documented that Xbox DVD Drives will only play certain types of media, so in order to help you out I managed to find a nice little table showing what's compatible with what drive (check **Appendix B** for more information). If you need to determine which kind of Drive you have, take a look at the pictures in **Appendix C**, and that might be able to help you out.

Using DummyCD

This is a little PC/DOS program I quickly threw together.

When I built the ISO I put a 1 gigabyte dummy file in the ISO, this is so when it's burned to DVD it should be able to be read easier. This program replaces the 1 gigabyte dummy file with a more appropriate 100 megabyte file, which will allow it to be burned to a CD-R / CD-RW.

The process is quite simple; just make a copy of the ISO into the folder which contains the files for the DummyCD program. Then, just click on **Start.bat** (located in the DummyCD folder) and it will do the rest. Once it's finished it will create a file called **aid10new.iso**, which is the resized ISO.

Using Recreate

This is another little PC/DOS program I made.

It will extract the ISO to a folder called **temp** (which is stored in the same folder as the program), then gives the user a pause break (opting you to press a key to continue). This gives you the opportunity to manipulate the files in any way you see fit, before recreating the ISO. Just follow the on-screen prompts and you should be fine. Just like DummyCD it will create a file called **aid10new.iso** with all the additions. To execute this program, just click on the **Start.bat** program found in the Recreate folder.

In **Appendix E** I've explained all the different locations of the files, so you can now easily change things like adding your own personal IP settings, adding skins, or even adding ROMs into the Emulators.

Chapter 4: The Main Menu

Here is our first glimpse at the main menu for the installer:

As you can see there are only 8 options available at the front of the menu, this is because I'm using a tree structure inside them.

Appendix D goes into complete detail on where everything is in the main menu, and what you have to select in order to reach it.

Chapter 5: Install Guide for a Retail HDD

This little walkthrough will get you up to the point where your Hard Drive is ready to store games / data, plus 2 dashboards.

The Retail Xbox HDD is already formatted, and has the Microsoft Dashboard already installed, so unless you want to do a total rebuild of the Hard Drive, it is unnecessary to format the whole drive.

NOTE: Make sure you back up your E Drive which contains all your game saves; otherwise you will not be able to recover them after a format.

Unlocking your HDD

There's two ways this can be done, either through the **Flash Bios / (Un) Lock Hard Drive section** of the Auto-Installer (which is very quick and efficient), or there is the program called **ConfigMagic** (which seems to be more popular).

When using the option from the Auto-Installer (which launches the Flash Bios / (Un) Lock HDD section) all you have to do is scroll down to the bottom of the new menu that appears (you'll notice that it's a completely different format from the rest of the Installer) and select **Unlock HDD**. The program will ask for confirmation, and upon confirmation it will unlock your Hard Drive.

When using ConfigMagic, wait for the program to start and show you all the information about your Xbox (the DVD and Hard Drive). It will say whether or not your Hard Drive is locked or unlocked. To change this, press the **START** button, and a menu will appear on the left-hand side of the screen. Then you'll be given the option to unlock your Hard Drive. After this is done, reset your Xbox to continue with the rest of the installation.

Formatting your HDD

Select the **Format / Prepare HDD** menu and you'll see this screen:

If you want to completely clean your Hard Drive, select the **Format Retail HDD** option, otherwise the other options available are Format C, E, and your Cache Drives.

Drives F and G are not available on a Retail Drive.

Preparing the needed folders for your HDD

Preparing the HDD will copy blank folders on your desired drive. This is a list of the folders that it will produce

Apps
Emulators
Games
GamesHomeBrew
Music
Videos

As well as this, it will also copy DVD-X to your Apps folder.

To do this, simply select the **Format / Prepare HDD** Option from the main menu. The options to prepare the drive are at the bottom of this menu:

The section that I have highlighted in green shows where you can select to prepare your drive. Of course since it's only a Retail HDD we can only prepare E Drive on this one.

Installing the MS Dashboard on your HDD

This is as simple as selecting **Install Microsoft Dashboard** on the main menu.

If you wish to use Region-Free patch, it's available in the Tools section. There's also an option to remove the patch, which basically just copies over the unpatched file again.

Locking your HDD

There's two ways this can be done (just like with unlocking your Hard Drive), either through the Flash Bios / (Un) Lock Hard Drive section of the Auto-Installer (which is very quick and efficient), or there is the program called ConfigMagic (which seems to be more popular).

When using the option from the Auto-Installer (which launches the Flash Bios / (Un) Lock HDD section) all you have to do is scroll down to the bottom of the new menu that appears (you'll notice that it's a completely different format from the rest of the Installer) and select **Lock HDD**. The program will ask for confirmation, and upon confirmation it will lock your Hard Drive.

When using ConfigMagic, wait for the program to start and show you all the information about your Xbox (the DVD and Hard Drive). It will say whether or not your Hard Drive is locked or unlocked. To change this, press the **START** button, and a menu will appear on the left-hand side of the screen. Then you'll be given the option to lock your Hard Drive. After this is done, reset your Xbox to continue with the rest of the installation.

Chapter 6: Install Guide for a Large HDD

This little walkthrough will get you up to the point where your Hard Drive is ready to store games / data, plus 2 dashboards.

Once a brand new Hard Drive is detected by the Auto-Installer, it will automatically format it for you, so there is no need to format drives unless you want to start fresh with your Xbox.

NOTE: Make sure you back up **ALL** of your Drives which contains all your game saves; otherwise you will not be able to recover them after a format.

Unlocking your HDD

There's two ways this can be done, either through the **Flash Bios / (Un) Lock Hard Drive** section of the Auto-Installer (which is very quick and efficient), or there is the program called **ConfigMagic** (which seems to be more popular).

When using the option from the Auto-Installer (which launches the Flash Bios / (Un) Lock HDD section) all you have to do is scroll down to the bottom of the new menu that appears (you'll notice that it's a completely different format from the rest of the Installer) and select Unlock HDD. The program will ask for confirmation, and upon confirmation it will unlock your Hard Drive.

When using ConfigMagic, wait for the program to start and show you all the information about your Xbox (the DVD and Hard Drive). It will say whether or not your Hard Drive is locked or unlocked. To change this, press the **START** button, and a menu will appear on the left-hand side of the screen. Then you'll be given the option to unlock your Hard Drive. After this is done, reset your Xbox to continue with the rest of the installation.

Formatting your HDD

Select the **Format / Prepare HDD** menu and you'll see this screen:

If you want to completely clean your Hard Drive, select the **Format Large HDD** option, otherwise the other options available are Format C, E, F, G, and your Cache Drives.

Preparing the needed folders for your HDD

Preparing the HDD will copy blank folders on your desired drive. This is a list of the folders that it will produce

Apps
Emulators
Games
GamesHomeBrew
Music
Videos

As well as this, it will also copy DVD-X to your Apps folder.

To do this, simply select the **Format / Prepare HDD** Option from the main menu. The options to prepare the drive are at the bottom of this menu:

The section that I have highlighted in green shows where you can select to prepare your drive. With a larger hard drive you should be able to Prepare E, F, and G Drives.

Installing the MS Dashboard on your HDD

This is as simple as selecting **Install Microsoft Dashboard** on the main menu.

If you wish to use Region-Free patch, it's available in the Tools section. There's also an option to remove the patch, which basically just copies over the unpatched file again.

Locking your HDD

There's two ways this can be done (just like with unlocking your Hard Drive), either through the Flash Bios / (Un) Lock Hard Drive section of the Auto-Installer (which is very quick and efficient), or there is the program called ConfigMagic (which seems to be more popular).

When using the option from the Auto-Installer (which launches the Flash Bios / (Un) Lock HDD section) all you have to do is scroll down to the bottom of the new menu that appears (you'll notice that it's a completely different format from the rest of the Installer) and select **Lock HDD**. The program will ask for confirmation, and upon confirmation it will lock your Hard Drive.

When using ConfigMagic, wait for the program to start and show you all the information about your Xbox (the DVD and Hard Drive). It will say whether or not your Hard Drive is locked or unlocked. To change this, press the **START** button, and a menu will appear on the left-hand side of the screen. Then you'll be given the option to lock your Hard Drive. After this is done, reset your Xbox to continue with the rest of the installation.

Chapter 7: Installing Hacked Dashboards

Firstly, select the **Install Hacked Dashboards** option from the menu.

Next, it will give you a selection on where you wish to install the dashboard (either C, E, F, or G). People using the stock standard HDD that came with their Xbox will only be able to use C or E, and if you HDD isn't larger than 120 gigabytes you can only use C, E, and F.

After you've selected the drive to install it to, you are given the option on what dashboard you want to install. So select your choice of dashboard and continue….

The next screen can vary depending on what drive you've decided to install to. This is where you select how the dashboard will scan the drives for files to execute from the dashboard. Here's a list of the choices:

Retail HDD (E)
Large HDD (E+F)
Larger HDD (E+F+G)

So, if you have a stock HDD you'd obviously pick the first option, as it will only scan the E Drive. If you have an upgraded HDD (120 gigabytes or less) you would select the second option, as it scans both E and F drives. And of course there is the last option which is used for hard drives bigger than 120 gigabytes.

Small tip, you might want to delete the game save that the Auto-Installer creates after you are done. It will be an UnleashX game save. Please note this will always delete settings if you were using it prior to using the Auto-Installer.

Chapter 8: Installing Applications

Select the **Install Applications** option from the main menu.

Next it will ask where you want to install the Applications, the possible choices are E, F, or G Drive.

Once you've selected that you can either choose to install all the applications, or install them individually. To install all of them at once, select **Install All Applications**. To install them separately, just select the name of the program and it will install it for you to your desired location.

Chapter 9: Installing Emulators

Select the **Install Emulators** option from the main menu.

Next it will ask where you want to install the Applications, the possible choices are E, F, or G Drive.

Once you've selected that you can either choose to install all the applications, or install them individually. To install all of them at once, select **Install All Emulators**. To install them separately, just select the name of the program and it will install it for you to your desired location.

Chapter 10: The Tools Section

The tools section is basically a collection of modifications and add-ons that can be used on to your Xbox to enhance functionality.

LTools

What is it?

Simply, this is a set of Auto-Installers for softmodding Xboxes. The main draw behind using this program is that all you have to do is load the game save, and then hit a few buttons, and you then have yourself a newly Softmodded Xbox. This tool is feature packed, including up to 4 dashboards (Evox, Avalaunch, MXM, and UnleashX); a choice of the two most popular BIOS packs (X2 and Evox). It also allows you to play backed up and homebrew games.

Who is this for?

Those that want to play backup games without ever having to install a modchip in your Xbox, especially those that are worried about voiding your warranty if you wish not to open it. Of course if something happens and you are not able to get the exploit files off of your hard drive, your warranty will be void; however, you can always run this tool again, and uninstall to the configuration you had before you tried to mod your Xbox.

How is it used in this Auto-Installer?

Basically it only serves the simple purpose of copying itself to your E Drive. This is mainly for users currently with Modchips in their system, so they can easily transfer the game saves to either a compatible USB Memory Stick or Xbox Memory Card, and proceed to perform a Softmod.

PBL (Phoenix BIOS Loader) Metoo Edition

What this does is boot a BIOS file from your Hard Drive, instead of completely using the BIOS on a modchip. This is good if you have an outdated BIOS that doesn't have the greatest support for IGR (In-Game Reset) like mine does.

The BIOS included in this package is the EvoX M8+, and I've pre-configured it so it has the Eject Fix and LBA48 (larger hard drives over 120 gigabytes) support.

I've made several versions that will allow the Xbox to boot different drives. So, basically the BIOS will boot the first drive (being the first letter after EvoX M8+), then if it doesn't find nothing there it will check E, then check F.

The BIOS searches for a evoxdash.xbe file, so if your dashboard isn't called this, you will have to change it. Here's a list of the BIOSes that are included:

EvoX M8+ C,E,G
EvoX M8+ C,F,G
EvoX M8+ E,F,G
EvoX M8+ F,E,C
EvoX M8+ G,F,E

There's also a dual-boot option which will allow you to use a second BIOS when you have your DVD tray open. I have set this to be a Debug (development) BIOS, as I feel it could be handy to a few people.

Even though I have included the Debug BIOS, you will still need to obtain the Xbox Development Kit (XDK) to finalise the installation of your debug setup. More information given in **Appendix F** on how to set this up. If you wish to use the Debug BIOS as your main, just simply rename xboxrom.bin to xboxrom3.bin (just temporarily), rename xboxrom2.bin to xboxrom.bin, and then rename xboxrom3.bin to xboxrom2.bin. Next time you boot, the debug will be default.

XSelect

This program is great for people that would like to launch a particular application, emulator, dashboard etc. on startup of their Xbox. Even though XSelect does take a little bit of configuring before you have it set the way you want, it's not too complicated and be done quite quickly.

One small tip though, when setting the search parameters to look for files, make sure you clear the existing list and make it only search for *.xbe files, otherwise you'll end up with hundreds of possibilities.

The best way to install this is to put it on the drive which is first booted by your BIOS (usually C, but sometimes it can be F). If you need to install a dashboard to the same drive as well, do that first. Then, rename the evoxdash.xbe file to something like evoxdash2.xbe, so that you can install XSelect without any problems. The good thing about XSelect is it will boot any file you want; all you have to do is set up a button to launch it.

UXE

UXE is an exploit package to use with Softmodded machines. It consists of a hacked xboxdash.xbe file, the exploit fonts, plus a BIOS Loader which will boot a dashboard stored on F, E, or C Drive. It originally only had the EvoX dashboard, but I customised this to get better use out of it.

There are two versions, UXE 61 and UXE 71. It's recommended that you try UXE 71 first as it must be the most versatile. However if this doesn't work you'll have to use the UXE 61 exploits.

After this is done, just install a hacked Dashboard to either F, E, or C Drive (remember normal retail Hard Drives only have E and C) and you should be able to boot a dashboard straight away upon turning on your Xbox, after you install a dashboard through the **Install Hacked Dashboards** option in the main menu.

File Manager

This is a section built into the Auto-Installer which will allow you to have access to your Xbox hard drive. You can move, edit, delete, copy, basically everything you can with a normal windows interface, even view and create ZIP files.

This tool can come very handy while using this installer, especially if you want to rename and move files while installing various applications (for example installing XSelect and a Dashboard in the same root folder of a drive).

Appendix A: Xbox Error Codes

Error	Cause	Description
01	Bootloader	Motherboard Error
02	Bootloader	Eeprom check failed
03	Bootloader	Unknown
04	Bootloader	Ram check failed
05	Kernel	HDD not locked (retail bioses require the HDD to be locked)
06	Kernel	Cannot unlock HDD
07	Kernel	HDD timeout
08	Kernel	HDD not found
09	Kernel	HDD parameters (PIO/DMA/or size {debug}, certain size minimum is required for debug)
10	Kernel	DVD drive timeout
11	Kernel	DVD not found
12	Kernel	DVD parameters (PIO/DMA)
13	Kernel	Dashboard launch fail (due to missing/bad key, or anything else that would prevent it from running) and the dashboard didn't specify why it failed
14	Dashboard	Error loading dashboard (dashboard generic error)
15	Kernel	Unknown
16	Dashboard	Other files to do with dashboard / dashboard settings (specific dashboard error)
17	Kernel	Unknown
18	Kernel	Unknown
19	Kernel	Unknown
20	Kernel	The dashboard has attempted to load and failed: It was a cold boot, and the dashboard didn't specify why it failed, but it (for some reason) needed to be noted that the DVD passed the challenge/response authentication
21	Anywhere	Typically means you're missing .dip files on your c: Drive or you have .xip's from a different (wrong) dashboard version. To fix simply restore a complete backup of the c: drive.

Appendix B: Xbox Media Compatibility

Here is a table showing how compatible the various DVD Drives are. This information was taken from www.xbox-linux.org.

	Thomson Untweaked	Thomson Tweaked	Phillips Untweaked	Phillips Tweaked	Samsung 605 Rev.B	Samsung 605 Rev.F
CD-R						
CD-RW						
DVD-R						
DVD-RW						
DVD+R						
DVD+RW						

Key:	Description
	Doesn't work with most Media
	Works with some Media
	Works with most Media

Appendix C: Xbox DVD Drive Identification

These pictures were taken from Xbox-Linux.org, and show how you can easily identify your drive by looking at the tray. Here are the three different types of Drives, and what their trays look like:

Samsung DVD Tray

Phillips DVD Tray

Thomson DVD Tray

Appendix D: Menu Structure

This shows the menu structure of the Auto-Installer, and how to access everything available. The text in **bold** represents a branch in this huge tree of a menu and needs to be selected before the other options are available.

Format / Prepare HDD
- Format Retail HDD
- Format Large HDD
- Format Cache Drives (X, Y, and Z)
- Format C Drive
- Format E Drive
- Format F Drive
- Format G Drive
- Prepare E Drive
- Prepare F Drive
- Prepare G Drive

Install Microsoft Dashboard

Install Hacked Dashboards
- **Install C Drive Dashboards**
  - **Install Avalaunch**
    - Retail HDD (E)
    - Large HDD (E+F)
    - Larger HDD (E+F+G)
  - **Install EvolutionX 3921**
    - Retail HDD (E)
    - Large HDD (E+F)
    - Larger HDD (E+F+G)
  - **Install EvolutionX 3935**
    - Retail HDD (E)
    - Large HDD (E+F)
    - Larger HDD (E+F+G)
  - **Install Media X Menu**
    - Retail HDD (E)
    - Large HDD (E+F)
    - Larger HDD (E+F+G)
  - **Install UnleashX**
    - Retail HDD (E)
    - Large HDD (E+F)
    - Larger HDD (E+F+G)
  - **Install Xbox Media Center**
    - Retail HDD (E)
    - Large HDD (E+F)
    - Larger HDD (E+F+G)
- **Install E Drive Dashboards**
  - ...same as above
- **Install F Drive Dashboards**
  - **Install Avalaunch**
    - Large HDD (E+F)
    - Larger HDD (E+F+G)
  - **Install EvolutionX 3921**
    - Large HDD (E+F)
    - Larger HDD (E+F+G)
  - **Install EvolutionX 3935**
    - Large HDD (E+F)
    - Larger HDD (E+F+G)
  - **Install Media X Menu**
    - Large HDD (E+F)
    - Larger HDD (E+F+G)

- **Install UnleashX**
  - Large HDD (E+F)
  - Larger HDD (E+F+G)
- **Install Xbox Media Center**
  - Large HDD (E+F)
  - Larger HDD (E+F+G)

Install G Drive Dashboards

- **Install Avalaunch**
  - Larger HDD (E+F+G)
- **Install EvolutionX 3921**
  - Larger HDD (E+F+G)
- **Install EvolutionX 3935**
  - Larger HDD (E+F+G)
- **Install Media X Menu**
  - Larger HDD (E+F+G)
- **Install UnleashX**
  - Larger HDD (E+F+G)
- **Install Xbox Media Center**
  - Larger HDD (E+F+G)

Install Applications

- **Install to E Drive**
  - Install All Applications
  - Install BiosCheck
  - Install BoXplorer
  - Install ConfigMagic
  - Install Complex Tools
  - Install Dvd2XboX
  - Install DVD-X 1.0 (Gueux)
  - Install DVD-X 2.0 (Xecuter)
  - Install Enigmah NTSC-PAL
  - Install Halo Cache Editor
  - Install HDDLoader
  - Install LinksBoks
  - Install MouseTestApp
  - Install PBL MeToo
  - Install X2 Config Tool
  - Install X3 Eeprom Eraser
  - Install XBFTP
  - Install Xbox Media Center
  - Install Xbpartitioner
  - Install XBWatch
  - Install XCommanderR2
  - Install XeniumTest
  - Install XToolbox
  - Install YAMP
- **Install to F Drive**
  - ...same as above
- **Install to G Drive**
  - ...same as above

Install Emulators

- **Install to E Drive**
  - Install All Emulators
  - Install AdamxX
  - Install ArnoldX
  - Install AtariXLBox
  - Install BlissX
  - Install BlueMSXBox
  - Install DOSXbox
  - Install FCEUltraX
  - Install Gnuboy
  - Install KEGS-X

Install HU-GO!
Install LynXBox
Install MAMEoX
Install NeoGenesis
Install NeoPopX
Install OdysseyX
Install Pcsxbox v13
Install SC3X
Install ScummVMx
Install SMSPlusX
Install SpeXtrum
Install Stella
Install Surreal64
Install Vice20x v3
Install Vice64x v4
Install VicePETX
Install WinSTonX
Install WinUAEX
Install X68000X
Install XBoyAdvance
Install xSnes9x

Install to F Drive

...same as above

Install to G Drive

...same as above

Tools

Flash Bios / (Un) Lock HDD (Takes you to EvoX part of the Installer).
BIOS Checker
ConfigMagic

Install lTools

Install lTools for 007 Agent Under Fire
Install lTools for MechAssault
Install lTools for Splinter Cell (PAL)
Install lTools for Splinter Cell (NTSC)

Install PBL MeToo

Install PBL

Install to C Drive
Install to E Drive
Install to F Drive
Install to G Drive

Install PBL (Dual w/Debug)

Install to C Drive
Install to E Drive
Install to F Drive
Install to G Drive

Install BFM BIOS

EvoX M8+ C, E, G

Install to E Drive
Install to F Drive
Install to G Drive

Evox M8+ C, F, G

Install to E Drive
Install to F Drive
Install to G Drive

EvoX M8+ E, F, G

Install to C Drive
Install to F Drive
Install to G Drive

EvoX M8+ F, E, C

Install to C Drive
Install to E Drive
Install to G Drive

EvoX M8+ G, F, E
Install to C Drive
Install to E Drive
Install to F Drive

Install UXE
Install UXE 61
Install UXE 71

Install XSelect
Install to C Drive
Install to E Drive
Install to F Drive
Install to G Drive

Install MS DVD Region-Free
Remove MS DVD Region-Free
Xbpartitioner
File Manager
Reset FTP
Reset Network

Boot Dashboards
Boot Microsoft Dashboard
Boot C Drive Dashboard
Boot E Drive Dashboard
Boot F Drive Dashboard
Boot G Drive Dashboard

Turn off Xbox

Appendix E: File Locations on the ISO

Here are all the files on the ISO which can be changed, in order to make the installer more suited to your needs. As you can see, they are all in normal plain ZIP format, so basically extract the ZIP file and edit as needed.

PLEASE NOTE: When extracting the Emulators you'll notice that the Emulators are stored in a folder within the ZIP file. Make sure when you re-zip the Emulator that you ZIP it in that folder, otherwise it will not install correctly.

In order to customize your ISO, I recommend using the Recreate program included.

Config Files for Applications

/Config/Apps/E/dvd2xbox.zip
/Config/Apps/E/xbmc.zip
/Config/Apps/F/dvd2xbox.zip
/Config/Apps/F/xbmc.zip
/Config/Apps/G/dvd2xbox.zip
/Config/Apps/G/xbmc.zip

Config Files for Dashboards

/Config/Dash/AvaLaunch/e.zip
/Config/Dash/AvaLaunch/f.zip
/Config/Dash/AvaLaunch/g.zip
/Config/Dash/EvoX3921/e.zip
/Config/Dash/EvoX3921/f.zip
/Config/Dash/EvoX3921/g.zip
/Config/Dash/EvoX3935/e.zip
/Config/Dash/EvoX3935/f.zip
/Config/Dash/EvoX3935/g.zip
/Config/Dash/MXM/e.zip
/Config/Dash/MXM/f.zip
/Config/Dash/MXM/g.zip
/Config/Dash/MXM-E/e.zip
/Config/Dash/MXM-E/f.zip
/Config/Dash/MXM-E/g.zip
/Config/Dash/MXM-F/e.zip
/Config/Dash/MXM-F/f.zip
/Config/Dash/MXM-F/g.zip
/Config/Dash/MXM-G/e.zip
/Config/Dash/MXM-G/f.zip
/Config/Dash/MXM-G/g.zip
/Config/Dash/UnleashX/e.zip
/Config/Dash/UnleashX/f.zip
/Config/Dash/UnleashX/g.zip
/Config/Dash/XBMC/e.zip
/Config/Dash/XBMC/f.zip
/Config/Dash/XBMC/g.zip
/Config/Dash/XBMC-E/e.zip
/Config/Dash/XBMC-E/f.zip
/Config/Dash/XBMC-E/g.zip
/Config/Dash/XBMC-F/e.zip
/Config/Dash/XBMC-F/f.zip
/Config/Dash/XBMC-F/g.zip
/Config/Dash/XBMC-G/e.zip
/Config/Dash/XBMC-G/f.zip
/Config/Dash/XBMC-G/g.zip

Config Files for Emulators

/Config/Emus/E/xSnes9x.zip
/Config/Emus/F/xSnes9x.zip
/Config/Emus/G/xSnes9x.zip

Paths for Emulator ROMs

All Emulator files are stored at /Files/Emus/

AdamX:	AdamX/AdamGames/
ArnoldX:	ArnoldX/CPCRoms/
AtariXLBox:	AtariXLBox/AtariDisks/
BlissX:	BlissX/INTVRoms/
BlueMSXBox:	BlueMSXbox/MSXRoms/
DOSXbox:	DOSXbox/DosFiles/
FCEUltraX:	FCEUltraX/Roms/
GNUBoy:	GNUBoy/GBRoms/
HU-GO!	HU-GO!/PCERoms/
KEGS-X:	KEGS-X/AppleDisks/
LynXBox:	LynXBox/LynxRoms/
MAMEoX:	MAMEoX/Roms/
NeoGenesis:	NeoGenesis/SGenRoms/
NeoPopX:	NeoPopX/NGPCRoms/
OdysseyX:	OdysseyX/O2Roms/
Pcsxbox:	Pcsxbox/PSXCDs/
SC3X:	SC3X/Roms/
SMSPlusX:	SMSPlusX/SMSROMS/
SpeXtrum:	SpeXtrum/Images/
Stella:	Stella/A26Roms/
Surreal64:	Surreal64/Roms/
Vice20x:	Vice20x/VIC20Games/
Vice64x:	Vice64x/C64Disks/
VicePETx:	VicePETx/PETGames/
WinSTonX:	WinSTonX/STDisks/
WinUAEX:	WinUAEX/AmigaDisks/
x68000x:	x68000x/X68kDisks/
XBoyAdvance:	XBoyAdvance/GBARoms/
xSnes9x:	xSnes9x/Roms/

Sorry, not sure on where to put ROMS for ScummVMx.

Appendix F: Setting up your Debug Xbox

Firstly you need to obtain a copy of the Xbox Development Kit (XDK). It is available on most of the P2P (Peer-to-Peer) file sharing networks so it shouldn't be too hard to find. The version you want to get is **XBOX SDK 5849 December 2003-COMPLEX**. Also, please don't ask any of us for it as we will simply ignore you. Not meaning to be harsh or rude by doing this, but I had to get the XDK the hard way (very hard way, on a 56k modem) so it won't hurt the rest of you to get it yourselves. Also, it's over 700mb so there's no way I could email it to anyone.

Once you've obtained this, install the XDK setup file **XDKSetup5849.exe**. This will put all the necessary files on your PC. Now, extract **XDKRecovery5849.exe** using WinRAR (Do not try to install this). You'll need to copy these files to your Xbox; the table below shows what files you need.

Source (PC)	Destination (Xbox)	Files to copy / Notes
\XDASH	\C\	xshell.xbe only
\XDASH\data	\C\data	All files, recursive
\XDASH\images	\C\images	All files, recursive
\XDASH\media	\C\media	All files, recursive
\XDASH\sounds	\C\sounds	All files, recursive
\XDKSAMPLES	\C\XDKSAMPLES	All files, recursive
\XBOX	\E\	dashboard.xbx and xbdm.dll
\DEVKIT	\E\DEVKIT	All files, recursive
\TDATA	\E\TDATA	All files, recursive

Now, you have to create a file called xbdm.ini, and place it in \E\DEVKIT.

Edit xbdm.ini like this:

```
[xbdm]
dbgname name=XXXX
staticip addr=EEDDCCBBAA
memtrack flags=0x0 stackdepth=0x0
```

XXX is the name you want to give to your Xbox (i.e.: Xbox) and EEDDCCBBAA is the static IP address you want.

Be careful don't write your IP as usual, you must type it in hexadecimal, and from right to left. For example, instead of typing 192.168.0.82 you have to write 5200A8C0 (it works by pair 192 is equal to C0 in hexadecimal etc.... look at the colours). The easiest way to convert Decimal values in hexadecimal is to use the calculator in windows, using scientific mode. To access this, open up the calculator and select **View -> Scientific**.

Next, you have to have to edit the file **dashboard.xbx** located on your Xbox's E Drive (or in \XBOX on your PC).

Firstly, grab a Hex Editor (such as Hex Workshop) and open the file, the reason why we are editing it with a hex editor is because it won't work using Notepad or Wordpad.

You'll see this line in the file: **\Device\Harddisk0\Partition2;xshell.xbe**

You have to edit this so it will boot a dashboard of your choice.

Firstly change the Partition number. The numbers are as follows: 2 boots C, 1 boots E, 6 boots F, and 7 boots G.

Secondly, edit the name of the file which will be booted (for example, change xshell.xbe to evoxdash.xbe). If you still want to have the XDK Dashboard you can easily just add a link in your dashboard to launch /C/xshell.xbe

Here's some examples:

\Device\Harddisk0\Partition2;evoxdash.xbe - Boots evoxdash.xbe from C Drive
\Device\Harddisk0\Partition1;evoxdash.xbe - Boots evoxdash.xbe from E Drive
\Device\Harddisk0\Partition6;evoxdash.xbe - Boots evoxdash.xbe from F Drive
\Device\Harddisk0\Partition7;evoxdash.xbe - Boots evoxdash.xbe from G Drive

That's the hardest part done…

Once that is all done, go to **C:\Program Files\Microsoft Xbox SDK\Xbox\bin** on your PC and install the 2 following programs (Note: you will need Administrator's Privileges to install these)

netsimsetup.exe
XBSESetup.exe

Once you've installed these programs, you should see this icon on your desktop:

When this appears, double-click on it and it will take you to your Xbox Neighbourhood.

The first thing to do is to set it up with your Xbox, which can easily be done by selecting **Add Xbox**. Type in your IP Address for your Xbox when prompted, and when it asks is this the default Xbox, say **Yes**.

In order to get the Xbox to boot in Debug mode, you need to use the Phoenix BIOS Loader. I have already included a debug bios as the 2nd booting BIOS, so to start your Xbox in Debug mode, turn your Xbox on (with the modchip on offcourse), then as soon as you see something on your Monitor / TV, open your DVD Drive Tray, this will tell PBL that you want to use the 2nd BIOS, which is of course the Debug BIOS.

Once you have this installed, there are so many more capabilities of your Xbox. Here are 3 of the most common uses:

Developing your own Xbox software and being able to use full remote debugging facilities
Screen grabbing and movie grabbing
Reverse engineering software (for making game trainers, etc)

So in general, normal gamers will not have to worry about using this, as it's only for developers and advanced enthusiasts.

Bibliography

- www.xbox-hq.com

  Ltools information (provided by Sjohn).
  Various Tutorials & Forum Posts.

- www.xbox-linux.org

  Xbox DVD Drive Identification HOWTO. (link)
  Xbox CD / DVD Burning HOWTO. (link)

- www.xbox-scene.com

  Various Tutorials & Forum Posts.

- www.hydras-world.com

  Debug Xbox Information. (link)

Credits

ISO created using: Yursoft® Free XBOX Game Disc Premastering Utility 1.01

Intro Credits

Programming & Graphics by: Forahobby
(a big thanks thanks to http://www.xbdev.net for all their help and support).

Music: "Ocean Loader 3 – Rockin' Mix"
Written by Peter Clarke on the C-64
Remixed on PC by the Marsland Brotherhood

Tested by: Forahobby
DJB
Sjohn

Installer Credits

Installer Developed by: DJB

Main Installer Skin by: * Jezz (Modified by DJB)
Second Installer Skin by: + DJB

Music: "Anal-0gue (To the Higher State)"
Written by Søren "Jeff" Lund on the C-64
Remixed on PC by Jouni "Mixer" Ikonen

Tested by: DJB
Forahobby
Realmccloy
Slamscaper
Bobrownik
Sjohn

Software collected from: Xbins

***** = *Skin designed for UnleashX*
+ = *Skin designed for EvolutionX*

Documentation Credits

Documentation Writing, Screenshots, Graphics, and DVD / CD Cover Art by: DJB

Proof Readers: DJB
Forahobby
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rs6 n2o